



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 12141551
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores	2
Summary of Student Participation	3
English Language Arts – Reading Results	4-6
Mathematics Results	7-9

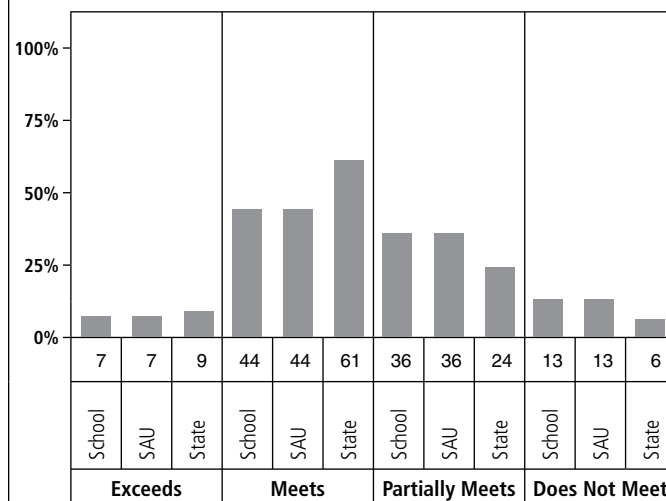
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

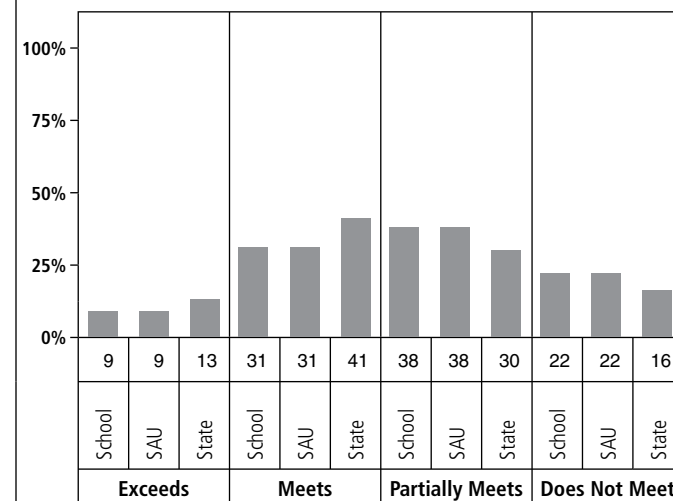
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	643	643	646
2007–2008	643	643	648
2008–2009	642	642	647
Cum. Avg.*	643	643	647
Mathematics			
2006–2007	642	642	643
2007–2008	637	637	642
2008–2009	638	638	643
Cum. Avg.*	639	639	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	47	100	47	100	14251	100	47	100	47	100	14150	99	47	100	47	100	14156	100						
Ethnicity African American/Black	3	6	3	6	421	3	3	100	3	100	412	98	3	100	3	100	415	99						
American Indian or Native Alaskan	2	4	2	4	128	1	2	100	2	100	127	99	2	100	2	100	128	100						
Asian or Pacific Islander	0	0	0	0	212	1	0	0	0	0	210	99	0	0	0	0	212	100						
Hispanic	1	2	1	2	181	1	1	100	1	100	177	98	1	100	1	100	178	99						
Caucasian/White	41	87	41	87	13309	93	41	100	41	100	13224	100	41	100	41	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	12	26	12	26	2468	17	12	100	12	100	2423	99	12	100	12	100	2426	99						
Current LEP	0	0	0	0	341	2	0	0	0	0	330	97	0	0	0	0	338	99						
Economically disadvantaged	31	66	31	66	5780	41	31	100	31	100	5724	99	31	100	31	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	41	87	41	87	11369	80	41	87	41	87	11373	80						
Identified disability (PET/IEP)	6	15	6	15	355	3	6	15	6	15	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
Participation with accommodations	4	9	4	9	2594	18	4	9	4	9	2605	18						
Identified disability (PET/IEP)	4	100	4	100	1881	73	4	100	4	100	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	0	0	0	0	519	20	0	0	0	0	532	20						
Participation through alternate assessment (PAAP)	2	4	2	4	187	1	2	4	2	4	178	1						
Identified disability (PET/IEP)	2	100	2	100	187	100	2	100	2	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	3	9	3	9	1132	8
	2007-2008	1	3	1	3	1817	13
	2008-2009	3	7	3	7	1309	9
	Cum. Total*	7	6	7	6	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	15	45	15	45	8127	57
	2007-2008	19	54	19	54	8072	57
	2008-2009	20	44	20	44	8564	61
	Cum. Total*	54	48	54	48	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	7	21	7	21	3549	25
	2007-2008	11	31	11	31	3194	23
	2008-2009	16	36	16	36	3291	24
	Cum. Total*	34	30	34	30	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	8	24	8	24	1478	10
	2007-2008	4	11	4	11	981	7
	2008-2009	6	13	6	13	799	6
	Cum. Total*	18	16	18	16	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	29.4	52.5	29.4	52.5	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	10.6	53.0	10.6	53.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	18.8	52.2	18.8	52.2	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 20
 School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	45	3	7	20	44	16	36	6	13	642	45	7	44	36	13	642	13963	9	61	24	6	647
Ethnicity																						
African American/Black	3										3						403	5	46	34	15	641
American Indian or Native Alaskan	2										2						125	4	49	38	10	642
Asian or Pacific Islander	0										0						206	18	56	20	6	649
Hispanic	1										1						174	5	55	33	7	644
Caucasian/White	39	3	8	17	44	14	36	5	13	642	39	8	44	36	13	642	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	1	10	6	60	3	30	630	10	0	10	60	30	630	2236	1	30	48	22	637
No	35	3	9	19	54	10	29	3	9	645	35	9	54	29	9	645	11727	11	67	19	3	649
Current LEP																						
Yes	0										0						322	2	39	37	21	638
No	45	3	7	20	44	16	36	6	13	642	45	7	44	36	13	642	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	29	1	3	12	41	11	38	5	17	639	29	3	41	38	17	639	5617	4	54	33	9	643
No	16	2	13	8	50	5	31	1	6	647	16	13	50	31	6	647	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	45	3	7	20	44	16	36	6	13	642	45	7	44	36	13	642	13959	9	61	24	6	647
Gender																						
Female	22	3	14	11	50	6	27	2	9	646	22	14	50	27	9	646	6743	13	63	20	4	649
Male	23	0	0	9	39	10	43	4	17	637	23	0	39	43	17	637	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	0	0	5	29	10	59	2	12	639	17	0	29	59	12	639	1408	4	41	43	12	641
No	28	3	11	15	54	6	21	4	14	644	28	11	54	21	14	644	12555	10	64	21	5	648
Gifted/talented program																						
Yes	0										0						636	39	59	2	0	659
No	45	3	7	20	44	16	36	6	13	642	45	7	44	36	13	642	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	0	0	1	25	3	75	0	0	636	9	0	25	75	0	636	6	5	47	32	16	642
B. less than one hour	68	2	7	14	47	10	33	4	13	642	68	7	47	33	13	642	59	9	62	24	5	647
C. one to two hours	20	0	0	4	44	3	33	2	22	640	20	0	44	33	22	640	32	11	64	21	4	648
D. more than two hours	2	1	100	0	0	0	0	0	0	666	2	100	0	0	0	666	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	27	2	17	7	58	2	17	1	8	648	27	17	58	17	8	648	31	17	66	14	3	651
B. good	36	1	6	9	56	3	19	3	19	641	36	6	56	19	19	641	48	8	64	23	5	647
C. fair	34	0	0	3	20	10	67	2	13	637	34	0	20	67	13	637	18	2	48	40	10	641
D. poor	2	0	0	0	0	1	100	0	0	632	2	0	0	100	0	632	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	36	3	19	9	56	4	25	0	0	649	36	19	56	25	0	649	38	13	65	18	3	650
B. They match some of what I have learned.	57	0	0	10	40	10	40	5	20	639	57	0	40	40	20	639	49	8	63	24	5	647
C. They match just a little of what I have learned.	5	0	0	0	0	1	50	1	50	625	5	0	0	50	50	625	10	5	48	36	11	642
D. There is no match.	2	0	0	0	0	1	100	0	0	632	2	0	0	100	0	632	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	20	0	0	4	44	3	33	2	22	638	20	0	44	33	22	638	16	7	52	30	11	644
B. about the same as my regular schoolwork	64	2	7	14	50	9	32	3	11	643	64	7	50	32	11	643	66	10	64	22	4	648
C. easier than my regular schoolwork	16	1	14	1	14	4	57	1	14	639	16	14	14	57	14	639	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	2	0	0	0	0	1	100	0	0	632	2	0	0	100	0	632	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	70	1	3	15	48	12	39	3	10	641	70	3	48	39	10	641	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	27	2	17	4	33	3	25	3	25	642	27	17	33	25	25	642	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	66	2	7	14	48	9	31	4	14	643	66	7	48	31	14	643	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	32	1	7	5	36	6	43	2	14	639	32	7	36	43	14	639	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	0	0	1	100	0	0	636	2	0	0	100	0	636	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	5	1	50	0	0	1	50	0	0	649	5	50	0	50	0	649	23	15	65	16	4	650
B. 20 minutes to an hour	41	1	6	10	56	4	22	3	17	644	41	6	56	22	17	644	49	10	64	22	4	648
C. less than 20 minutes	23	1	10	2	20	5	50	2	20	638	23	10	20	50	20	638	11	6	58	29	7	645
D. I rarely read at home.	32	0	0	7	50	6	43	1	7	639	32	0	50	43	7	639	17	2	51	36	11	642
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	100	0	0	640	100	0	0	100	0	640						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	4	12	4	12	2092	15
	2007-2008	0	0	0	0	1474	10
	2008-2009	4	9	4	9	1807	13
	Cum. Total*	8	7	8	7	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	9	27	9	27	5731	40
	2007-2008	15	43	15	43	6008	43
	2008-2009	14	31	14	31	5662	41
	Cum. Total*	38	34	38	34	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	14	42	14	42	4175	29
	2007-2008	11	31	11	31	4244	30
	2008-2009	17	38	17	38	4219	30
	Cum. Total*	42	37	42	37	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	6	18	6	18	2308	16
	2007-2008	9	26	9	26	2346	17
	2008-2009	10	22	10	22	2290	16
	Cum. Total*	25	22	25	22	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	26.9	48.0	26.9	48.0	30.6	54.6
A. Number	18	32	9.2	51.1	9.2	51.1	10.3	57.2
B. Data	12	21	5.8	48.3	5.8	48.3	6.6	55.0
C. Geometry	14	25	6.4	45.7	6.4	45.7	7.3	52.1
D. Algebra	12	21	5.5	45.8	5.5	45.8	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 20
 School: Fort Fairfield Middle/High Sch

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	45	4	9	14	31	17	38	10	22	638	45	9	31	38	22	638	13978	13	41	30	16	643
Ethnicity																						
African American/Black	3										3						406	4	26	36	34	633
American Indian or Native Alaskan	2										2						126	4	29	40	28	635
Asian or Pacific Islander	0										0						208	18	47	23	12	647
Hispanic	1										1						175	5	31	41	23	638
Caucasian/White	39	4	10	13	33	16	41	6	15	640	39	10	33	41	15	640	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	3	30	2	20	5	50	629	10	0	30	20	50	629	2248	3	18	33	46	629
No	35	4	11	11	31	15	43	5	14	641	35	11	31	43	14	641	11730	15	45	30	11	646
Current LEP																						
Yes	0										0						331	3	22	35	40	631
No	45	4	9	14	31	17	38	10	22	638	45	9	31	38	22	638	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	29	2	7	9	31	9	31	9	31	635	29	7	31	31	31	635	5620	6	33	37	25	637
No	16	2	13	5	31	8	50	1	6	643	16	13	31	50	6	643	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	45	4	9	14	31	17	38	10	22	638	45	9	31	38	22	638	13974	13	41	30	16	643
Gender																						
Female	22	2	9	7	32	9	41	4	18	638	22	9	32	41	18	638	6738	12	40	32	16	642
Male	23	2	9	7	30	8	35	6	26	638	23	9	30	35	26	638	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	17	0	0	4	24	9	53	4	24	633	17	0	24	53	24	633	1410	3	24	41	32	634
No	28	4	14	10	36	8	29	6	21	641	28	14	36	29	21	641	12568	14	42	29	15	644
Gifted/talented program																						
Yes	0										0						637	65	32	3	0	665
No	45	4	9	14	31	17	38	10	22	638	45	9	31	38	22	638	13341	10	41	31	17	642

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 20
School: Fort Fairfield Middle/High Sch

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	9	0	0	2	50	1	25	1	25	634	9	0	50	25	25	634	6	7	32	28	32	636
B. less than one hour	68	3	10	8	27	11	37	8	27	638	68	10	27	37	27	638	59	13	41	30	16	643
C. one to two hours	20	0	0	3	33	5	56	1	11	637	20	0	33	56	11	637	32	14	41	31	14	644
D. more than two hours	2	1	100	0	0	0	0	0	0	670	2	100	0	0	0	670	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	36	4	25	3	19	8	50	1	6	645	36	25	19	50	6	645	30	27	45	18	9	651
B. good	36	0	0	9	56	3	19	4	25	638	36	0	56	19	25	638	46	9	45	31	15	643
C. fair	25	0	0	1	9	6	55	4	36	629	25	0	9	55	36	629	20	2	29	43	26	635
D. poor	2	0	0	0	0	0	0	1	100	624	2	0	0	0	100	624	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	23	2	20	5	50	2	20	1	10	648	23	20	50	20	10	648	35	18	42	27	13	646
B. They match some of what I have learned.	64	1	4	7	25	13	46	7	25	635	64	4	25	46	25	635	50	11	43	31	15	643
C. They match just a little of what I have learned.	7	1	33	0	0	1	33	1	33	640	7	33	0	33	33	640	13	8	31	36	26	638
D. There is no match.	7	0	0	1	33	1	33	1	33	631	7	0	33	33	33	631	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	25	1	9	2	18	6	55	2	18	635	25	9	18	55	18	635	32	7	40	34	20	640
B. about the same as my regular schoolwork	61	2	7	9	33	9	33	7	26	638	61	7	33	33	26	638	56	13	42	30	15	644
C. easier than my regular schoolwork	14	1	17	2	33	2	33	1	17	644	14	17	33	33	17	644	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	60	3	12	7	27	11	42	5	19	639	60	12	27	42	19	639	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	35	1	7	6	40	4	27	4	27	637	35	7	40	27	27	637	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	1	50	1	50	631	5	0	0	50	50	631	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	5	0	0	0	0	0	0	2	100	622	5	0	0	0	100	622	6	8	29	29	34	635
B. 30–45 minutes	11	0	0	1	20	1	20	3	60	628	11	0	20	20	60	628	33	10	37	34	19	641
C. 45–60 minutes	34	2	13	6	40	4	27	3	20	642	34	13	40	27	20	642	45	15	44	29	12	645
D. more than 60 minutes	50	2	9	6	27	12	55	2	9	639	50	9	27	55	9	639	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	26	0	0	5	45	4	36	2	18	638	26	0	45	36	18	638	9	14	35	29	22	641
B. two or three days a week	37	2	13	3	19	6	38	5	31	636	37	13	19	38	31	636	26	15	40	30	16	644
C. two or three times each month	21	0	0	4	44	4	44	1	11	640	21	0	44	44	11	640	31	13	43	30	14	644
D. never or almost never	16	2	29	1	14	3	43	1	14	642	16	29	14	43	14	642	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	34	1	7	4	27	7	47	3	20	637	34	7	27	47	20	637	17	8	35	33	24	639
B. two or three days a week	39	1	6	6	35	4	24	6	35	636	39	6	35	24	35	636	28	13	42	30	15	643
C. two or three times each month	25	1	9	3	27	6	55	1	9	640	25	9	27	55	9	640	31	15	43	30	13	645
D. never or almost never	2	1	100	0	0	0	0	0	0	670	2	100	0	0	0	670	23	14	39	30	17	643
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	0	0	1	100	624	100	0	0	0	100	624						
C.	0										0											
D.	0										0											

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